

Mouse ELK3 Monoclonal Antibody | anti-ELK3 antibody

ELK3 antibody

CATALOG # AAA106476	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
-------------------------------	----------------------	---

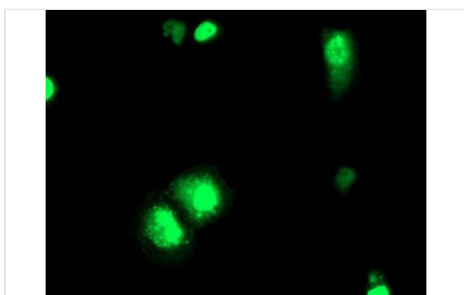
PRODUCT SYNONYMS

ELK3; Monoclonal Antibody; ELK3 antibody; Monoclonal ELK3; Anti-ELK3; SAP2; NET; ERP; Serum response factor accessory protein 2; SAP-2; ETS-related protein ERP; ELK 3; ELK-3; anti-ELK3 antibody

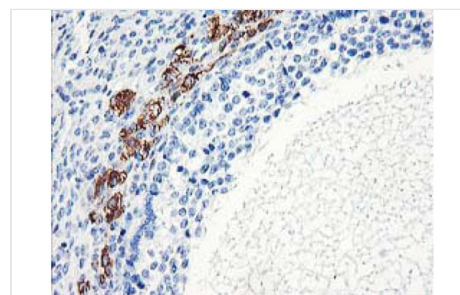
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2F12
Purity/Purification	ELK3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	407
Applicable Applications for anti-ELK3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	ELK3 is a member of the ETS-domain transcription factor family and the ternary complex factor (TCF) subfamily. Proteins in this subfamily regulate transcription when recruited by serum response factor to bind to serum response elements. This protein is activated by signal-induced phosphorylation; studies in rodents suggest that it is a transcriptional inhibitor in the absence of Ras, but activates transcription when Ras is present.
Cross-Reactivity	Human
Immunogen	ELK3 antibody was raised in mouse using a full length recombinant protein of human ELK3 (NP_005221) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

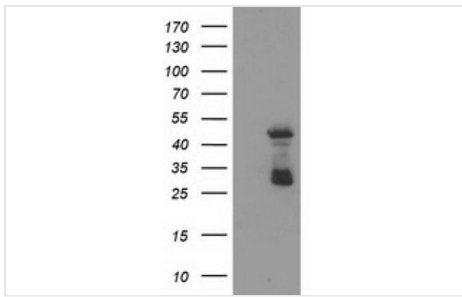
IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant ELK3 protein using ELK3 antibody


IHC (Immunohistochemistry)

Immunohistochemical analysis of ELK3 protein in paraffin embedded Adenocarcinoma of Human ovary tissue using ELK3 antibody



WB (Western Blot)
 Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant ELK3 protein (Right) or empty vector (Left) detected with ELK3 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-ELK3 antibody	Mouse monoclonal ELK3 antibody
Product Categories/Family for anti-ELK3 antibody	DNA & RNA

NCBI AND UNIPROT INFORMATION

NCBI GI #	44955921
NCBI GeneID	2004
NCBI Accession #	NP_005221
NCBI GenBank Nucleotide #	NM_005230.2
UniProt Accession #	P41970; Q6FG57; Q6GU29; Q9UD17; B2R6S6; AAB34628
Molecular Weight	44,240 Da
NCBI Official Full Name	ETS domain-containing protein Elk-3 isoform 1
NCBI Official Synonym Full Names	ELK3, ETS-domain protein (SRF accessory protein 2)
NCBI Official Symbol	ELK3
NCBI Official Synonym Symbols	ERP; NET; SAP2; SAP-2
NCBI Protein Information	ETS domain-containing protein Elk-3
UniProt Protein Name	ETS domain-containing protein Elk-3
UniProt Gene Name	ELK3
UniProt Synonym Gene Names	NET; SAP2; SAP-2; SRF accessory protein 2
UniProt Entry Name	ELK3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.